A B S T R A C T

METHOD AND SYSTEM FOR REMOTE SOFTWARE DISTRIBUTION AND INSTALATION

A mechanism for the remote distribution/installation of computer programs from a source to a number of target computers. The computer programs are transferred as packages identified in a package list. Attempt numbers for retrying a push mode and a pull mode distribution are pre-specified. A next package is identified in the package list and it is checked if a target computer is available. If it is available then installation of the package on the target computer is started. Otherwise, if at least one push mode attempt is left, a next push mode is resumed and rescheduled and, if no push mode attempt is left, but at least one pull mode attempt is left, a next pull mode distribution is resumed and rescheduled. The mechanism particularly proposes a queue manager that activates a request, i.e., moves the request from a request queue into an active queue, and has implemented throttling that balances the load during a software distribution/installation.